

PrevaLED BRICK HP IP G2

LED modules for industry and outdoor applications



Product family features

- Module efficacy: up to 191 lm/W
- Available with color temperature: 2,200 K, 2,700 K, 3,000 K and 4000 K
- Color rendering index R_a : > 70
- Initial color consistency: ≤ 5 SDCM
- Average lifetime (L80 B10): up to 100,000 h (temperature up to $T_c = 85^\circ\text{C}$)
- Geometry according to Zhaga Book 19
- Compatible to optics with IP solution, e.g. Ledil STRADA-IP-2x6 series

Product family benefits

- 5 years system guarantee (with OPTOTRONIC control gear)
- Available with a wide range of lengths and color rendering index
- Available in four different color temperatures
- High module efficacy: up to 191 lm/W
- Optimally paired with OPTOTRONIC constant current LED drivers
- Extra-long lifetime – 100,000 hours (L80B10)
- Consistent white light: 5 SDCM
- Dimensions aligned with Zhaga book 19



Product family datasheet

Areas of application

- Area illumination for Highbay light for industry and outdoor application
- Highbay lighting
- Street and area lighting
- Outdoor application
- Street and urban lighting

Product family datasheet

Technical data

Product description	Electrical data				Photometrical data
	Nominal current	Type of current	Energy consumption in on-mode	On-mode power	Luminous efficacy
PL-BRICK HP 2850-722 2X6 IP G2	07 A	DC	24.1 kWh/1000h	24.10 W	133 lm/W
PL-BRICK HP 2850-727 2X6 IP G2	07 A	DC	23.8 kWh/1000h	23.80 W	148 lm/W
PL-BRICK HP 2850-730 2X6 IP G2	07 A	DC	23.8 kWh/1000h	23.80 W	163 lm/W
PL-BRICK HP 2850-740 2X6 IP G2	07 A	DC	23.8 kWh/1000h	23.80 W	173 lm/W

Product description	Color rendering index Ra	Useful luminous flux (Φuse)	Colour consistency (McAdam ellipses)	Correlated color temperature CCT	Light technical data
					Beam angle
PL-BRICK HP 2850-722 2X6 IP G2	70	3009 lm	5	2200 K	0 °
PL-BRICK HP 2850-727 2X6 IP G2	70	3417 lm	5	2700 K	0 °
PL-BRICK HP 2850-730 2X6 IP G2	70	3754 lm	5	3000 K	0 °
PL-BRICK HP 2850-740 2X6 IP G2	71	4050 lm	5	4000 K	0 °

Product description	LED module information	Dimensions & weight			
	Number of LEDs per module	Product weight	Width	Length	Height
PL-BRICK HP 2850-722 2X6 IP G2	12	4000 g	45.0 mm	146.0 mm	8.0 mm
PL-BRICK HP 2850-727 2X6 IP G2	12	4000 g	45.0 mm	146.0 mm	8.0 mm
PL-BRICK HP 2850-730 2X6 IP G2	12	4000 g	45.0 mm	146.0 mm	8.0 mm
PL-BRICK HP 2850-740 2X6 IP G2	12	4000 g	45.0 mm	146.0 mm	8.0 mm

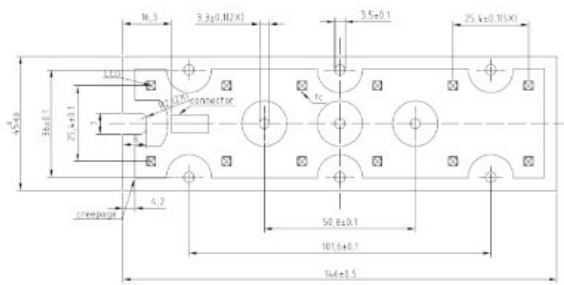
Product description	Temperatures & operating conditions	Lifespan	Additional product data	Capabilities
	Temperature range at storage	Lumen maintenance factor LMF	Lighting technology used	Dimmable
PL-BRICK HP 2850-722 2X6 IP G2	-30...85 °C	96	LED	Yes
PL-BRICK HP 2850-727 2X6 IP G2	-30...85 °C	96	LED	Yes
PL-BRICK HP 2850-730 2X6 IP G2	-30...85 °C	96	LED	Yes
PL-BRICK HP 2850-740 2X6 IP G2	-30...85 °C	96	LED	Yes

Product description	Certificates & standards			Logistical data
	Type of protection	Standards	Energy efficiency class	Commodity code
PL-BRICK HP 2850-722 2X6 IP G2	IP20	CE	E	85414100000
PL-BRICK HP 2850-727 2X6 IP G2	IP20	CE	E	85414100000
PL-BRICK HP 2850-730 2X6 IP G2	IP20	CE	D	85414100000
PL-BRICK HP 2850-740 2X6 IP G2	IP20	CE	D	85414100000

Product family datasheet

Product description	Environmental information			
	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
PL-BRICK HP 2850-722 2X6 IP G2	03-08-2023	4062172168472	No declarable substances contained	No declarable substances contained
PL-BRICK HP 2850-727 2X6 IP G2	03-08-2023	4062172168496	No declarable substances contained	No declarable substances contained
PL-BRICK HP 2850-730 2X6 IP G2	03-08-2023	4062172168519	No declarable substances contained	No declarable substances contained
PL-BRICK HP 2850-740 2X6 IP G2	03-08-2023	4062172168533	No declarable substances contained	No declarable substances contained

Product family datasheet



PrevaLED BRICK



Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File	
	Certificates PL BRICK BA BAR CLE VDE ENEC 40045382 210723
	Declarations of conformity PL BRICK HP 2850 2x6 IP G2 CE 4231253 280720

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172168472	PL-BRICK HP 2850-722 2X6 IP G2	Shipping carton box 120	350 mm x 330 mm x 157 mm	18.13 dm ³	5320.00 g
4062172168496	PL-BRICK HP 2850-727 2X6 IP G2	Shipping carton box 120	350 mm x 330 mm x 157 mm	18.13 dm ³	5320.00 g
4062172168519	PL-BRICK HP 2850-730 2X6 IP G2	Shipping carton box 120	350 mm x 330 mm x 157 mm	18.13 dm ³	5320.00 g
4062172168533	PL-BRICK HP 2850-740 2X6 IP G2	Shipping carton box 120	350 mm x 330 mm x 157 mm	18.13 dm ³	5320.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

* For more information on the multi-level guarantee and the terms and conditions of the guarantee visit <https://www.inventronics-light.com/multilevel-guarantees>

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.